

Application Serial No. 10/619,351
Reply to Office Action of February 8, 2006

PATENT
Docket: CU-3291

REMARKS/ARGUMENTS

In the Office Action mailed February 8, 2006, claims 2-3 and 22-23 were objected to because the names of resistors and capacitors recited in these claims did not begin with the word "first." By the foregoing amendment, the Examiner's objections to these claims are overcome. More particularly, the components recited in these claims are now named, first, second, third, and so forth according to the order of their appearance in the claims, not according to how such terms were used in the specification.

Claims 1-3 were rejected under 35 U.S.C. §103(a) as being unpatentable over Didier et al. (U.S. patent number 6,236,384) in view of Furukawa et al. (U.S. patent number 6,388,967) and Willis (U.S. publication number 2002/0097296).

Claim 2 has been cancelled and its limitations added to claim 1. Claim 1 now recites that a resistor and capacitor, i.e., a low pass filter, receives the output of the pulse width modulator and passes a smoothed signal to the non-inverting input of an amplifier.

Cursory examinations of Didier, Willis and Furukawa reveal that none of them show an amplifier having a non-inverting input. All that can be said about these disclosures is that they show a gain block or amplifier, however, they do not show an operational amplifier or other non-inverting amplifier required by amended claim 1.

Since claim 1 as amended avoids all three references cited by the Examiner and because claim 2 has been cancelled, claims 1 and 3 are now in condition for allowance.

Claim 1 is allowed.

Claims 22 and 23 were objected to because of the terms used to recite various components.

Claims 24 and 25 were objected to as being dependent on a rejected base claim, presumably claim 1 because claim 21, which these two claims also depended from, was held to be allowable.

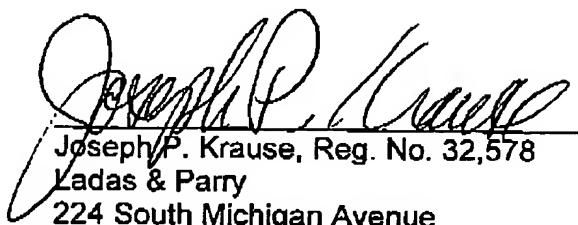
By virtue of the foregoing amendment to claim 1, the dependency of claims 24 and 25 on claim 1 is believed to be allowable. Nevertheless, if the Examiner maintains his rejection of claim 1, the applicant will amend claims 24 and 25 to make them depend solely on claim 21.

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For the reasons set forth above, the applicant requests that the pending claims
be reconsidered and allowed to issue.

Respectfully submitted,



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